UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/055,442	01/23/2002	William M. Huntley JR.	30GF-9097	7941

7590	04/21/2005	EXAMINER	
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ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 04/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Office Action Summary	**Application No.**	**Applicant(s)**
		10/055,442	HUNTLEY ET AL.
		Examiner	**Art Unit**	
		Phuoc H. Nguyen	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *23 January 2002*.
2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-46* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) *1-46* is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All b)☐ Some * c)☐ None of:
      1.☐ Certified copies of the priority documents have been received.
      2.☐ Certified copies of the priority documents have been received in Application No. _____.
      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
        application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____ .

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1-46 rejected under 35 U.S.C. 102(e) as being anticipated by Cravo de Almeida et

al. (Hereafter, Cravo) U.S. Pub. No. 2002/0169871.

3.   Regarding claims 1 and 12, Cravo discloses an e-mail-enabled automation control

module (ACM) comprising (Figure 1): an ACM (e.g. Monitor Server 20; Figure 1); and an e-

mail system electrically connected to said ACM (e.g. Mail Server 84 communicates with

Monitor Server), said e-mail system configured to perform at least one of sending e-mail

messages from said ACM through a network, and receiving e-mail messages from the network

(Figure 1; and [0041].

4.   Regarding claims 2 and 14, Cravo further discloses the e-mail messages include ACM

data [0027].

5.   Regarding claim 3, Cravo further discloses the e-mail messages include ACM

notifications [0043 - 0045].

6.   Regarding claim 4, Cravo further discloses the e-mail messages include at least one of

ACM data, and ACM notifications from at least one of another ACM and another device (Figure

1; and [0043 - 0045].

7.   Regarding claim 5, Cravo further discloses e-mail system comprises a network interface

configured for connection to the network (communication between the mail server 84 and

internet 16).

8.   Regarding claims 6 and 13, Cravo further discloses e-mail system comprises an e-mail

client configured to send the e-mail messages through said network interface and the network

[0042, 0044].

9.   Regarding claims 7,15,16, and 18, Cravo further discloses e-mail system comprises an e-

mail server configured to perform at least one of receive the e-mail messages from the network,

transfer ACM data to and from said ACM, transfer ACM notifications to and from said ACM,

and receive and respond to e-mail transfer requests from the network (figure 1; and [0045-

0046]).

10.   Regarding claims 8 and 22, Cravo further discloses e-mail server comprises at least one

mailbox configured to store at least one e-mail message, said e-mail server further configured to

allow a user that is connected to said e-mail system through the network to perform at least one

of read, modify, and delete the e-mail messages stored in said at least one mailbox (e.g.

administrator access to his/her email to retrieve an email message [0046]).

11.   Regarding claim 9, Cravo further discloses ACM central processing unit (CPU) and a

CPU system memory, said CPU configured to execute ACM functions (inherently, Monitor

Server comprise a CPU, RAM, and CPU is configured to perform execution instruction).

12.   Regarding claims 10,44, and 45, Cravo further discloses ACM comprises a backplane interface electrically connected to said ACM and a backplane (e.g. motherboard) electrically connected to said backplane interface, said backplane configured for connection with at least one of an input/output (I/O) module and an input module (the Monitoring server 20 is inherently contain the backplane (motherboard) configure for connection with (I/O) module such as CPU).

13.   Regarding claims 11, and 46, Cravo further discloses e-mail system electrically connected to said backplane (figure 1).

14.   Regarding claim 17, Cravo further discloses receiving e-mail messages from the network using the e-mail server comprising receiving ACM data from the network using the e-mail server (Figure 1).

15.   Regarding claim 19, Cravo further discloses receiving e-mail messages from the network using the e-mail server comprising transferring ACM data to and from the ACM [0041].

16.   Regarding claim 20, Cravo further discloses receiving e-mail messages from the network using the e-mail server comprising transferring ACM notifications to and from the ACM [0043 - 0045].

17.   Regarding claims 21, and 38, Cravo further discloses receiving e-mail messages from the network using the e-mail server comprising receiving and responding to e-mail transfer requests from the network [0046].

18.   Regarding claims 23 and 32, Cravo's figure 1 discloses a method for management and control of an automation control module (ACM) using an ACM system, the ACM system including an ACM, a network, a general purpose computer electrically connected to the network, and an e-mail subsystem electrically connected to the ACM and the network, said method

comprising: sending e-mail messages from the ACM through the network to the general purpose

computer using the e-mail subsystem, and receiving e-mail messages from the general purpose

computer through the network using the e-mail subsystem [0046].

19.   Regarding claims 24,25,33,34, and 42, Cravo further discloses sending e-mail messages

from the ACM through the network to the general purpose computer using the e-mail subsystem

comprises sending ACM data (e.g. report) and notification (e.g. alert message) from the ACM

through the network to the general purpose computer using the e-mail subsystem (e.g. Monitor

server generate the report and send an email message contain the report to the administrator,(

figure 1; and [0045-0046]).

20.   Regarding claims 26,27, and 35, Cravo further discloses receiving ACM data and

notifications and from the general purpose computer through the network using the e-mail

subsystem (e.g. administrator receives an email message which contain the ACM data and the

alert message) [0045-0046].

21.   Regarding claims 28,29,36, and 37, Cravo further discloses transferring ACM data and

notification to the ACM from the e-mail subsystem, and transferring ACM data to the e-mail

subsystem from the ACM [0039, 0041, 0046].

22.   Regarding claims 30,31,40, and 41, Cravo further discloses sending ACM data and

notification to the at least one other ACM through the network using the e-mail subsystem, and

receiving ACM data from the at least one other ACM through the network using the e-mail

subsystem [0042].

23.   Regarding claim 39, Cravo further discloses network is the Internet (Figure 1).

24.   Regarding claims 43, Cravo further discloses e-mail subsystem embedded within said

ACM (Figure 1, Monitor Server 20 and Email Server 84).

Conclusion

25.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

   Beck et al. U.S. Patent 6,539,419

   Ramberg et al. U.S. Patent 6,857,013

   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Phuoc H. Nguyen whose telephone number is 571-272-3919.

The examiner can normally be reached on Monday - Friday.

   If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

   Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

                                              Phuoc H Nguyen

Examiner
Art Unit 2143

April 15, 2005

DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER